

Client
Gurugram
 Pathkind Diagnostics Pvt. Ltd.
 Plot No. 55-56, Udhog Vihar Ph-IV, Gurugram - 122015

Processed By
Pathkind Diagnostics Pvt. Ltd.
 Plot No. 55-56, Udhog Vihar Ph-IV, Gurugram - 122015

Name : Mr. CL94	Billing Date : 07/07/2023 12:20:11
Age : 35 Yrs	Sample Collected on : 10/07/2023 10:01:31
Sex : Male	Sample Received on : 10/07/2023 11:02:13
P. ID No. : P1000100012706	Report Released on : 20/07/2023 17:55:20
Accession No : 10002304762	Barcode No. : 10002304762-01
Referring Doctor : Self	
Referred By :	Ref no. :

Report Status - Final

Test Name	Result	Biological Ref. Interval	Unit
-----------	--------	--------------------------	------

BIOCHEMISTRY

# Osteocalcin	42.1	Pre Menopausal : 6.5 - 42.3 Post Menopausal : 5.4 - 59.1	ng/mL
----------------------	------	---	-------

Sample: Serum
Method: ECLIA

Osteocalcin

Reference Group	Reference Range in ng/mL
Healthy women	
Premenopausal (>20 yrs)	11-43
Postmenopausal (no HRT)	15-46
Osteoporosis patients	13-48
Healthy men	
18- 29 yrs	24-70
30-49 yrs	14-42
50- 70 yrs	14-46

Note
 For monitoring therapy, serial specimens should be collected at the same time of the day.

Comments
 Osteocalcin (Bone Gla protein) is the major non-collagenous protein of bone matrix. It plays an important role in bone tissue formation and mineralization and hence is a good prognostic indicator of bone disease progression. There is a marked diurnal variation in bone resorption / formation and serum osteocalcin levels, with a nocturnal peak and decreasing by as much as 50% in the morning.

Increased Levels	Decreased Levels
Hyperparathyroidism	Pregnancy
Acromegaly	Growth hormone deficiency
Paget's	Hypothyroidism

10002304762 Mr. CL94



Client
Gurugram
Pathkind Diagnostics Pvt. Ltd.
Plot No. 55-56, Udhog Vihar Ph-IV, Gurugram - 122015

Processed By
Pathkind Diagnostics Pvt. Ltd.
Plot No. 55-56, Udhog Vihar Ph-IV, Gurugram - 122015

Name : Mr. CL94	Billing Date : 07/07/2023 12:20:11
Age : 35 Yrs	Sample Collected on : 10/07/2023 10:01:31
Sex : Male	Sample Received on : 10/07/2023 11:02:13
P. ID No. : P1000100012706	Report Released on : 20/07/2023 17:55:20
Accession No : 10002304762	Barcode No. : 10002304762-01
Referring Doctor : Self	
Referred By :	Ref no. :

Report Status - Final

Test Name	Result	Biological Ref. Interval	Unit
Osteomalacia		Hypoparathyroidism	
High turnover osteoporosis		Liver disease	
Hyperthyroidism		Alcoholism	
Renal osteodystrophy			

** End of Report**



Dr. Aarti Khanna Nagpal
DNB (Pathology)
Senior Consultant

